Note:

- Table 1 only lists ON or OFF functions that toggle the column indicator lights.
- Functions not listed in Table 1 (1, 2, 3, 4, 5, 19, 20) offer multiple selections which are activated by pressing the appropriate switch for that column. You must use Table 2 to identify which switch on EZ Set Operator Panel to press for each selection.
- Functions 16, 19, 20, 21, 22, 23 and 24 are activated only when the KX-PS11 (optional serial I/F) is installed.
- To print Initial Setup Mode settings press **SUPER QUIET** **(TOF)** until all 4 row indicator lights are lit. Press **LOAD PARK** **(SET)** to print settings.

Troubleshooting

Symptom	Possible Cause	Probable Solution
Printer does not power up	No AC power	Check power cord
Power is on but printer is not printing	Printer is not ON LINE Interface cable is not connected	Press ON LINE switch Secure connection
Printer won't go ON LINE....	Out of Paper	Check paper and install
Paper out sensor inoperative	*P.O. Disable	*Set P.O. Enable
Paper slips around platen	Paper feed selector is in " " position	Set selector to " " position
Head moves but does not print	Ribbon is not installed correctly	Re-insert ribbon
Paper wrinkles when using tractor feed	No reverse tension on paper Selector switch is in " " position	Set paper supply lower than printer Set selector to " " position
Cannot change form length	*Cut sheet feeder is ON	*Set CSF to OFF
Printout doublespaced	*Auto LF is ON	*Set Auto LF as required
Cannot print ASCII character with code above 127	*Data length is set incorrectly	*Set Data length as required
Wrong character set is printed	*Wrong character set is selected	*Set the character set as required
Cannot change printer mode from computer	FONT and PITCH modes are set incorrectly	Set to PROGRAM mode
Fanfold paper is jamming	Paper is not installed correctly in tractor	Set selector switch to " " position to easily remove jammed paper. Set paper correctly with tractor again
Printer does not perform color printing	Color kit (KX-PCK11) is not installed	Install the Color kit (KX-PCK11)

(* in the Initial Setup mode.)

Printed in Japan

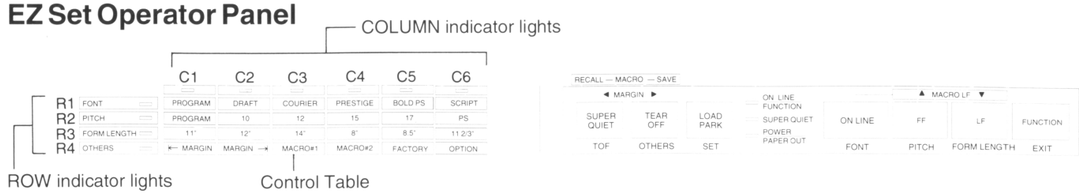
PJQX1864ZA M

KX-P2123 Quick Reference Panasonic

Setting the Control Table

The setting of the Control Table is used to make temporary changes in font, pitch, form length, etc . To permanently store any of these combinations refer to MACROs.

EZ Set Operator Panel



Description of the Function Mode Switches

The operation of the individual switches in the **Function Mode** is indicated under the switch.

FUNCTION	LF	FF	ON LINE	LOAD PARK	TEAR OFF	SUPER QUIET
Press this switch to enter/exit FUNCTION	Press this switch to enter FORM LENGTH	Press this switch to enter PITCH	Press this switch to enter FONT	Press this switch after making the selection to SET	Press this switch to enter OTHERS	Press this switch after positioning your paper to set TOF

Status Print

This function allows you to print the current, MACROs and FACTORY settings.

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press and release **TEAR OFF** **(OTHERS)** until all column indicators are blinking.
3. Press **LOAD PARK** **(SET)**
   - Print current, MACROs and FACTORY settings.
4. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

FONT/PITCH/FORM LENGTH

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.

2a. Setting Font

Press and release **ON LINE** **(FONT)** until column indicator is blinking over the desired font. Go to step 3.

2b. Setting Pitch

Press and release **FF** **(PITCH)** until column indicator is blinking over the desired pitch. Go to step 3.

2c. Setting Form Length

Press and release **LF** **(FORM LENGTH)** until column indicator is blinking over the desired form length.

3. Press **LOAD PARK** **(SET)**
   - A beep will sound.
4. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

LEFT MARGIN/RIGHT MARGIN

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press **TEAR OFF** **(OTHERS)** until column indicator is blinking over the desired margin.
3. Press **LOAD PARK** **(SET)** to enter the Margin Set Mode.
   - Column indicator will stop blinking.
4. Press **SUPER QUIET** **(TOF)** to move the printhead to the left or **TEAR OFF** **(OTHERS)** to move the printhead to the right until you reach the desired margin position.
5. Press **LOAD PARK** **(SET)** to set the margin position.
   - A beep will sound twice.
6. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

Note:

- You can set either the left or right margin first.

MACROs

A MACRO allows you to store a combination of your frequently used items into the memory. When you turn the power switch on, the printer reads MACRO #1 automatically. Therefore, it is recommended to store the format you use most often in MACRO #1.

Defining MACRO (MACRO SAVE)

(Press **SUPER QUIET**)

- If you need, set the Super Quiet Mode.

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Select Font, Pitch, Form Length, Margins and Color.
3. Press and release **TEAR OFF** **(OTHERS)** until the column indicator is blinking over MACRO#1 or #2.
4. Press **LOAD PARK** **(SET)** to enter the Macro Mode.
   - A beep will sound, and the column indicator will stop blinking.
5. Press **TEAR OFF** **[SAVE]** to save the current setting to the MACRO.
   - A beep will sound twice.
6. Press **LOAD PARK** **(SET)** to exit the Macro Mode.
   - Column indicator will start blinking again.
7. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

Recalling a Defined MACRO (MACRO RECALL)

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press and release **TEAR OFF** **(OTHERS)** until the column indicator is blinking over MACRO #1 or #2.
3. Press **LOAD PARK** **(SET)** to enter the Macro Mode.
   - A beep will sound, and the column indicator will stop blinking.
4. Press **SUPER QUIET** **[RECALL]** to recall the MACRO.
   - A beep will sound.
5. Press **LOAD PARK** **(SET)** to exit the Macro Mode.
   - Column indicator will start blinking again.
6. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

Note:

- Color cannot be set without installation of the color kit (KX-PCK11).

FACTORY Setting

This is for recalling the setting for: Font, Pitch, Form Length, Left/Right Margin, Color, and Super Quiet Mode as they were originally set when the printer was shipped.

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press and release **TEAR OFF** **(OTHERS)** until the column indicator is blinking over FACTORY.
3. Press **LOAD PARK** **(SET)** to enter the FACTORY Mode.
   - A beep will sound and the column indicator will stop blinking.
4. Press **SUPER QUIET** **[RECALL]** to recall the FACTORY setting.
   - A beep will sound twice.
5. Press **LOAD PARK** **(SET)** to exit the Factory Mode.
   - Column indicator will start blinking again.
6. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

COLOR Setting

Before you use this function, make sure that the color kit (KX-PCK11) is installed in the printer.

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press and release **TEAR OFF** **(OTHERS)** until the column indicator is blinking over COLOR.
3. Press **LOAD PARK** **(SET)** to enter the Color Mode.
   - A beep will sound and the OTHERS row indicator will start blinking.
4. Press and release **TEAR OFF** **(OTHERS)** until the column indicator combination is blinking over the desired color.
5. Press **LOAD PARK** **(SET)** to set the color.
   - A beep will sound twice, the OTHERS row indicator will be lit, and the column indicator will start blinking over COLOR.
6. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

COLOR	COLUMN indicator					
	C1	C2	C3	C4	C5	C6
BLACK			■			
RED (MAGENTA)				■		
ORANGE				■	■	
YELLOW					■	
GREEN					■	■
BLUE (CYAN)						■
VIOLET				■		■

■=ON □=OFF

TOF Setting

Before you use this function, make sure you press the **LOAD PARK** **(SET)** switch to load the paper. Then, simply micro line feed to your desired line position. Once you have determined your top of form, do the following:

1. Press **FUNCTION** to enter the Function Mode.
   - ON LINE/FUNCTION indicator starts blinking.
2. Press **SUPER QUIET** **(TOF)** to set TOF.
   - A beep will sound twice.
3. Press **FUNCTION** to exit the Function Mode.
   - ON LINE/FUNCTION indicator stops blinking.

Note:

- The TOF setting is permanently stored in memory even when the power switch is turned off.
- TOF setting of more than 5″ from Top edge cannot be saved.

Initial Setup Mode

1. Turn the power switch on **while** pressing **FUNCTION** to enter the Initial Setup Mode.
   - ON LINE/FUNCTION indicator will start blinking.
2. Press and release **SUPER QUIET** until the desired row indicator combination is lit.
3. Use **TEAR OFF** (C1), **LOAD PARK** (C2), **ON LINE** (C3), **FF** (C4), and **LF** (C5) to change the settings of the column indicators. Refer to Table 2.
4. Press **FUNCTION** to exit the Initial Setup Mode.
   - ON LINE/FUNCTION indicator will stop blinking.

Function		Column indicator light	
		ON	OFF
❻	Download Buffer	Enable	Disable*
❼	C.S.F.	Installed	Not installed*
❽	P.O. Detector	Active*	Ignored
❾	Buzzer	Sound*	No sound
❿	AGM	AGM is ON	AGM is OFF*
⓫	Auto LF	CR+LF	CR only*
⓬	Auto CR	LF,VT,ESC+J +CR	LF,VT,ESC+J only*
⓭	Skip Perf.	1 inch skip	No skip*
⓮	G. Direction	Uni-direction*	Bi-direction
⓯	Auto Tear Off	Automatic	Not automatic*
⓰	Interface	Serial	Parallel*
⓱	Data Length	7 bit	8 bit*
⓲	Auto Loading	Automatic*	Not automatic
㉑	Protocol	X/ON-X/OFF	DTR*
㉒	R.B.C. to S.D.T.	128 bytes*	512 bytes
㉓	R.B.C. to R.D.T.	256 bytes*	384 bytes
		(R.B.C. to S.D.T.:128 bytes)	
		640 bytes*	768 bytes
		(R.B.C. to S.D.T.:512 bytes)	
㉔	Signal Polarity	Space	Mark*

Table 1

* denotes factory settings.

AGM=Alternate Graphic Mode.
R.B.C.=Remaining Buffer Capacity.
S.D.T.=Suspend Data Transfer.
R.D.T.=Resume Data Transfer.

ROW indicator				COLUMN indicator (LED is lit or flashing)				
SUPER QUIET				TEAR OFF	LOAD PARK	ON LINE	FF	LF
R1	R2	R3	R4	C1	C2	C3	C4	C5
ON	ON	ON	ON	Print Current Initial Setup Condition				Factory Read
ON	OFF	OFF	OFF	❶ Epson	IBM			
OFF	ON	OFF	OFF	❷ Italic	G1	G2		
ON	ON	OFF	OFF	❸ USA	Multilin-gual	Portugal	Canada	Norway
OFF	OFF	ON	OFF	❹ USA	France	Germany	England	Denmark 1
ON	OFF	ON	OFF	Sweden	Italy	Spain 1	Japan	Norway
OFF	ON	ON	OFF	Denmark 2	Spain 2	Latin America	Korea	Legal
ON	ON	ON	OFF	❺ 0	Ø	θ		
OFF	OFF	OFF	ON	❻ Download Buffer	❼ C.S.F.	❽ P.O. Detector	❾ Buzzer	❿ AGM
ON	OFF	OFF	ON	⓫ Auto LF	⓬ Auto CR	⓭ Skip Perf.	⓮ G. Direc-tion	⓯ Auto Tear Off
OFF	ON	OFF	ON	⓰ Interface	⓱ Data Length	⓲ Auto Loading		
ON	ON	OFF	ON	⓳ 150	300	600	1200	2400
OFF	OFF	ON	ON	4800	9600			
ON	OFF	ON	ON	⓴ No Parity	Ignore Parity	Odd Parity	Even Parity	
OFF	ON	ON	ON	㉑ Protocol	㉒ S.D.T.	㉓ R.D.T.	㉔ Signal Polarity	

Table 2

ROW indicator condition:
ON=light is lit. OFF=light is out.